

QP Code : 103384

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – November 2015
(Pathology)**

PAPER – III CLINICAL PATHOLOGY & CYTOGENETICS

Time : 3 hrs.

Max. marks : 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(10x10 = 100)

1. Klinefelter's syndrome
2. Explain sex-linked inheritance with examples
3. Philadelphia chromosome
4. Banding techniques
5. Fluorescent in-situ hybridisation
6. Crystals in urine
7. Semen analysis
8. Processing of ascitic fluid
9. Test for occult blood in stools. Add a note on measures to prevent false positive results
10. Processing of sputum sample in a clinical pathology laboratory
